

云南杓兰属一新种

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A NEW SPECIES OF *CYPRIPEDIUM* FROM YUNNAN

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Abstract *Cypripedium daliense* S. C. Chen et J. L. Wu, a new Species of Orchidaceae is described with illustrations

Key words *Cypripedium daliense*

关键词 杓兰属; 大理杓兰

大理杓兰 新种 图 1

Cypripedium daliense S. C. Chen et J. L. Wu, sp. nov.

Species nova *C. margaritaceo* valde affinis, a quo differt flore flavido interdum rubro-maculato, foliis fere orbicularibus supra secus nervos plus minusve corrugatis subtus in sicco pallescentibus, staminodio basi lanceolato-auriculato.

Planta terrestris, tota 8—12 cm alta, caule 4—5 cm longo. Folia 2, paene humistrata, fere orbicularia, integra, utrinque glabra, 8—13 cm longa, 5.5—12.5 cm lata, apice acuta, supra viridia purpureo-maculata (?) in sicco secus nervos plus minusve corrugata, subtus in sicco pallescentia, basi in petiolum brevem conduplicatum angustata, nervis primariis 13—17 et inter quos iis secundariis 3 utrinque prominulis. Scapus 5—6 cm longus, glaber, uniflorus, ebracteatus; flos 3—4 cm diam., flavidus interdum rubro-maculatus (e collectore); sepalum intermedium ellipticum vel late ellipticum, 2.5—3 cm longum, 1.7—2.2 cm latum, apice obtusum, margine ciliatum, 9—11-nerviis, dorso secus nervos sparse puberulum; synsepalum sepalum intermedio simile sed angustius, apice brevicaudatum et bidentatum; petala suboblonga, 3—3.5 cm longa, 1—1.3 cm lata, apice acuminata, margine ciliata, dorso secus nervos sparse puberula; labellum horizontale, synsepalum subaequilongum, ovoideo-globosum, basi angustatum et unguiculatum, longius quam latius, superficie verruculatum, lobis lateralibus fere semiorbicularibus, margine anteriore angusto inflexo, ore ovato-rotundato, intus glabro; colum-

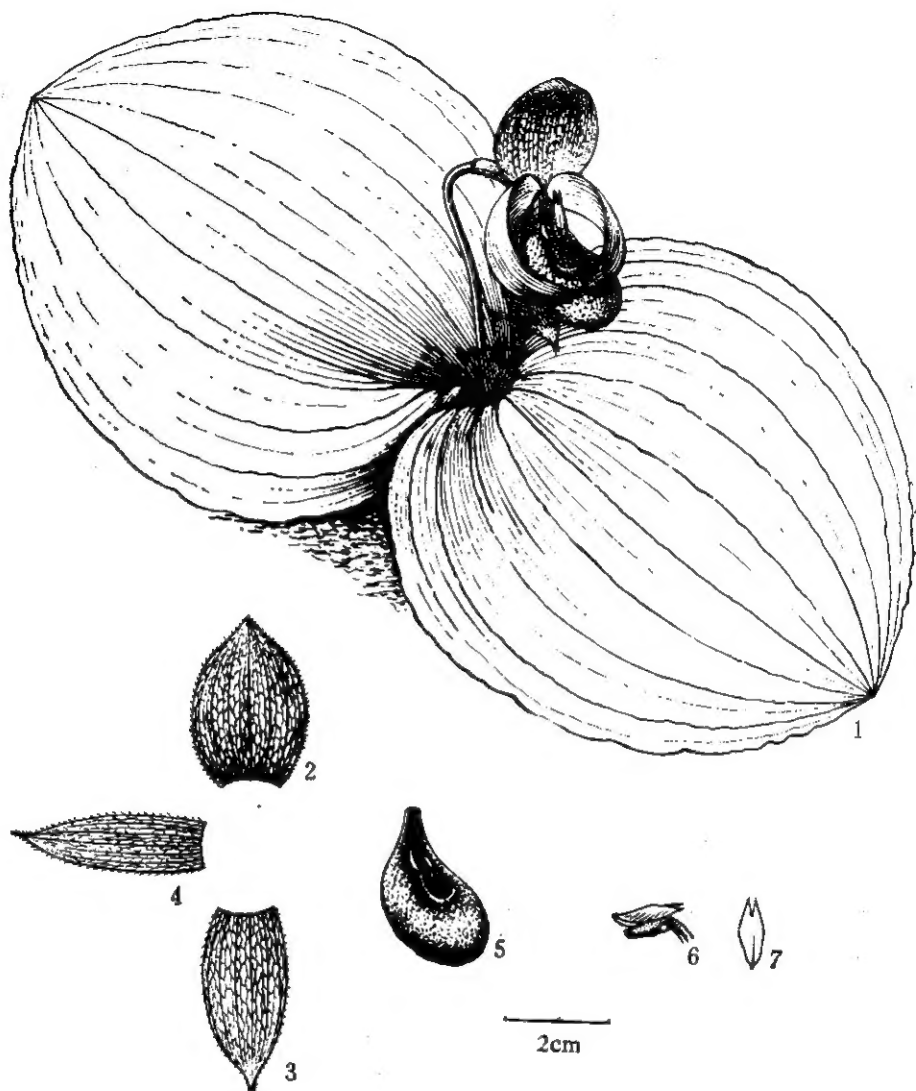


图1 大理杓兰 *Cypripedium daliense* 1.植株 plant; 2.中萼片 dorsal sepal; 3.合萼片 synsepal; 4.花瓣 petal; 5.唇瓣 lip; 6.蕊柱 column; 7.退化雄蕊 staminode。(蔡淑琴绘)

na brevis; stamina fertilia 2, filamentis brevissimis; staminodium elliptico-oblongum, ca. 8 mm longum et 3.5 mm latum, apice subacutum, basi sessile et lanceolato-auriculatum, dorso carinatum; ovarium 1—1.5 cm longum, obscure angulatum, sparse pubescens

Yunnan (云南): Dali (大理), Lan Feng (兰峰), on hilltop, fl. pale yellow, July 1941. 07., H. C. Wang (王汉臣) 1017 (Holotype PE; Isotype SCBI); ibid. fl. pale yellow with red spots, 1942. 06. 01., H. C. Wang (王汉臣) 2227 (SCBI)。

新种与斑叶杓兰 *C. margaritaceum* Franch. 十分接近, 区别点在于本新种花淡黄色, 有时具红色斑点; 叶近圆形, 上面沿叶脉可见皱缩, 干后下面变为苍白色; 退化雄蕊基部具披针形耳。

地生兰,植株高 8—12 cm,茎长 4—5 cm。叶 2 枚,近于铺地而生,近圆形,全缘,两面无毛,长 8—13 cm,宽 5.5—12.5 cm,先端急尖,上面绿色,有紫斑(?),干后沿主脉可见皱缩,下面干后变为苍白色,基部收狭为对折的短柄;主脉 13—17 条,主脉间有支脉 3 条,在叶两面均稍凸出。花萼长 5—6 cm,无毛,具单花,苞片缺如;花直径 3—4 cm,淡黄色,有时具红色斑点(采集记载);中萼片椭圆形或宽椭圆形,长 2.5—3 cm,宽 1.7—2.2 cm,先端钝,边缘具缘毛,有 9—11 条脉,背面沿脉疏生短微毛;合萼片与中萼片相似但较狭,先端短尾状并具 2 齿;花瓣近矩圆形,长 3—3.5 cm,宽 1—1.3 cm,先端渐尖,边缘具缘毛,背面沿脉亦疏生短微毛;唇瓣平展,与合萼片近等长,卵球形,基部收狭、有爪,长度超过宽度,表面有小疣状突起,侧裂片近半圆形,前方狭窄边缘亦内弯,囊口卵圆形,内面无毛;蕊柱短;能育雄蕊 2 枚,具极短花丝;退化雄蕊椭圆状矩圆形,长约 8 mm,宽 3.5 mm,先端近急尖,基部无柄而有披针形的耳,背面具龙骨状脊;子房长 1—1.5 cm,有不明显的稜,疏生短柔毛。